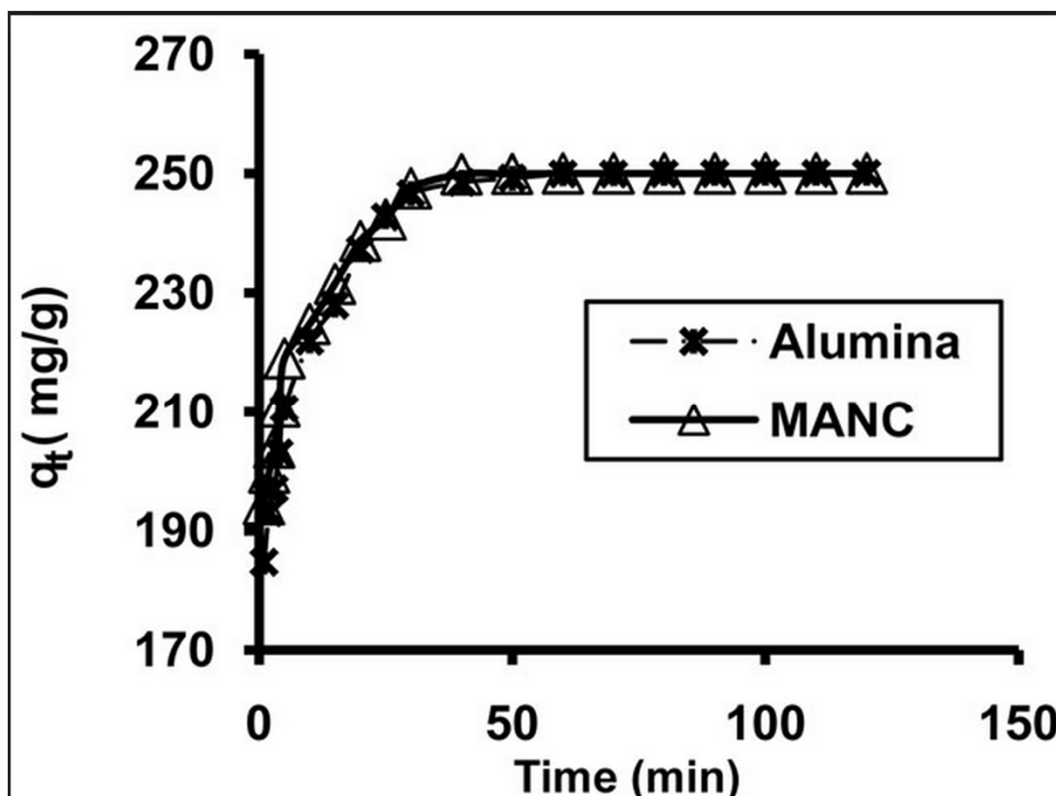


TITLE: Alumina/Iron Oxide Nano Composite for Cadmium Ions Removal from Aqueous Solutions

LINK: http://file.scirp.org/Html/4-2580028_30450.htm



Alumina/Iron Oxide Nano Composite ...

file.scirp.org - 652 × 485 - Search by image

Effect of iron oxide loading on the adsorption of Cd^{2+} (Initial Cd^{2+} ions concentration = $250\text{ mg}\cdot\text{L}^{-1}$ adsorbent dose = 1 g/L , pH = 6, solution temp.

Magnetic alumina nano composite (MANC) was prepared for combination of the adsorption features of nano activated alumina with the magnetic properties of iron oxides to produce a nano magnetic adsorbent